

# TECHNICAL DATA SHEET

**PRODUCT NAME:**

HSP-5

Two-Way Communication  
Headset



**PRODUCT  
DESCRIPTION**

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## High Noise Environment Communications Hard Hat Headset

Rojone headsets are proudly Australian-made, tested, and certified with AS/NZS1270-2002, Acoustics—Hearing Protectors. Made with precision, this headset features a field-replaceable mic boom and noise-cancelling microphone.

The HSP-5 headset features a TP-120B plug as standard

## PRODUCT APPLICATION

- Mining
- Industrial Communications

## KEY BENEFITS

- Clear Communications
- Increased Productivity
- Protects against hearing loss
- Improved working conditions

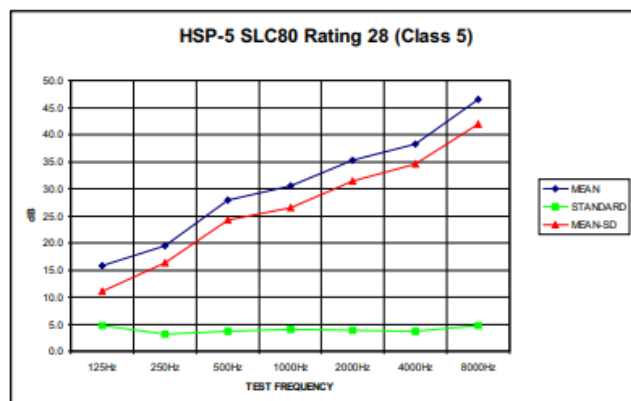


## KEY FEATURES

- Leather-covered headband
- Olive drab colour
- Noise-cancelling microphone
- -35dB noise reduction
- Lightweight (423 grams)
- ISO 9001:2015 certified manufacturing
- 12 month warranty on headset

## TESTED BY THE NATIONAL ACOUSTIC LABORATORIES TO AS/NZS 1270:2002



SLC80 Rating <sub>28</sub>	CLASS 5		MASS 400g		CLAMP FORCE 11.0N		
Test Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation	15.7	19.5	27.6	30.6	35.0	38.3	46.3
Standard Deviation	4.7	3.2	3.7	3.9	3.7	3.6	4.7
Mean Minus SD	11.0	16.3	23.9	26.7	31.3	34.7	41.6



## TECHNICAL DATA SPECIFICATION

<b>Model Number</b>	<b>HSP-5</b>
Style	Hard hat mounting with stainless steel arms and resin plastic
Cups	ABS
Colour	Olive drab
<b>Cabling</b>	
Main	Four independently wire lap screened conductors, PUR sheath
Length	900mm, part coiled
Intercup	Twisted pair, PUR sheath
<b>Termination</b>	<b>Nexus TP-120B as standard</b>
<b>Microphone</b>	
Boom	MB-102, Infinitely adjustable, field replaceable
Element	Noise cancelling electret condenser
Sensitivity	-71dB +/- 3.5dB @ 1kHz (0dB=1v/ $\mu$ bar)
Impedance	1.6k $\Omega$ +/- 30% @ 1kHz (RI= 2k $\Omega$ )
Response	300 to 4000Hz
<b>Earphones</b>	
Type	Dynamic
Impedance	300 $\Omega$ x 2 wired in parallel
Response	300 to 3500Kz @ 1kHz +/-45 $\Omega$
<b>Weight</b>	<b>423 grams (including standard plug)</b>
SLC80 Rating	28 (Class 5)

## TERMINATIONS AVAILABLE

Part Number	Termination	Connector Image
HSP-5	NEXUS TB-120B	
HSP-5-3.5PMRA	3.5MM STERO R/A PLUG	
HSP-5-TA4F-QC	TINI Q-C PLUG	